

# Melanie A. Martin

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*Last updated May 15, 2023*

## APPOINTMENTS

2018- Assistant Professor, University of Washington (UW), Department of Anthropology  
2016-2018 Postdoctoral Associate, Yale University, Department of Anthropology  
Faculty mentor: Claudia Valeggia

## EDUCATION

2015 PhD, Anthropology, University of California Santa Barbara (UCSB)  
Faculty advisor: Michael Gurven  
2011 MA, Anthropology, UCSB  
2007 BA, Anthropology, University of Puerto Rico, Río Piedras

## CERTIFICATES

2015 Certificate in College and University Teaching, UCSB

## PUBLICATIONS

*Peer-reviewed journal articles (graduate student co-author: undergraduate co-author)*

- (2023) [Rice A](#), [Sather O](#), Wright Jr KP, Vetter C, **Martin MA**, de la Iglesia HO. COVID-19 stay-at-home restrictions increase the alignment in sleep and light exposure between school days and weekends in university students. (*Sleep*, [zsado59](#), doi: [10.1093/sleep/zsad059](https://doi.org/10.1093/sleep/zsad059))
- (2022) **Martin MA**, Keith M, Pace RM, Williams JE, Ley SH, Barbosa-Leiker C, [Caffé B](#), [Smith CB](#), [Kunkle A](#), [Lackey K](#), [Navarrete AD](#), [Pace CDW](#), [Gogel AC](#), Eisenberg DTA, Fehrenkamp BD, McGuire MA, Meehan CL, Brindle E. SARS-CoV-2 specific antibody trajectories in mothers and infants over two months following maternal infection. (*Frontiers in Immunology*, [13](#) [10.3389/fimmu.2022.1015002](https://doi.org/10.3389/fimmu.2022.1015002))
- (2022) [Glass D](#), [Geerkens J](#), **Martin M**. Psychosocial and energetic factors on human female pubertal timing: a systematized review. (*Evolutionary Human Sciences*, [4](#): e28, <https://doi.org/10.1017/ehs.2022.24>)
- (2022) [Vinjamuri A](#), Davis JCC, Totten SM, Wu LD, Klein LD, **Martin M**, Quinn EA, Scelza B, Breakey A, Gurven M, Jasienska G, Kaplan H, Valeggia C, Hinde K, Smilowitz JT, Zivkovic AM, Barratt MJ, Gordon JI, Underwood MA, German B, Lebrilla CB. Human milk oligosaccharide compositions illustrate global variations in early nutrition. (*Journal of Nutrition*, <https://doi-org/10.1093/jn/nxac027>)
- (2022) **Martin M**, Keith M, Olmedo S, [Edwards D](#), [Barrientes A](#), [Pan A](#), Valeggia C. Cesarean section and breastfeeding outcomes in an Indigenous Qom community with high breastfeeding support. (*Evolution, Medicine, and Public Health* [10](#):36-46)
- (2021) Pace RM, Williams JE, Järvinen KM, Meehan CL, **Martin MA**, Ley SH, Barbosa-Leiker C, Andres A, Yeruva L, Belfort MB, [Caffé B](#), [Navarrete AD](#), [Lackey KA](#), [Pace CDW](#), [Gogel AC](#),

- Fehrenkamp BD, Klein M, Young B, Rosen-Carole C, Diaz N, Gaw SL, Flaherman V, McGuire MA, Seppo A, McGuire MK. Milk produced by women with COVID-19 does not contain SARS-CoV-2 and is a long-lasting source of specific IgA. (*Frontiers in Immunology* 12: 5566)
7. (2021) **Martin M** & Gurven M. Traditional and biomedical maternal and neonatal care practices in a rural Indigenous population of the Bolivian Amazon (*Global Public Health*, <https://doi.org/10.1080/17441692.2021.1882531>)
  8. (2020) Sprockett DD, **Martin M**, Costello EK, Burns A, Holmes SP, Gurven M, Relman DA. Microbiota assembly, structure, and dynamics among Tsimane horticulturalists of the Bolivian Amazon. (*Nature Communications*, 11:3772)
  9. (2019) **Martin M**, Blackwell A, Kaplan H, Gurven M. Differences in Tsimane children's growth outcomes and associated determinants as estimated by WHO standards vs. within-population references. (*PLOS One*, 14(4): e0214965)
  10. (2019) **Martin M**. Biological Anthropology in 2018: Grounded in theory, questioning contexts, embracing innovation. (Invited review, *American Anthropologist*, 121: 417:430)
  11. (2019) **Martin M**, Veile A, Valeggia C. Birth mode and infectious morbidity risks in Qom children of Argentina. (*Am J Hum Biol*, 31:e23200)
  12. (2018) Klein L, Huang J, Quinn E, **Martin M**, Breakey A, Gurven M, Kaplan, H, Valeggia C, Jasienska G, Scelza B, Lebrilla C, Hinde K. Variation among populations in the immune protein composition of mother's milk reflects subsistence pattern. (*Evol Med Public Health*, 1(2018):230-245)
  13. (2018) Kraft TS, Stieglitz J, Trumble BC, **Martin M**, Kaplan H, Gurven M. Nutrition transition in two lowland Bolivian subsistence populations. (*Am J Clin Nutr*, 108(6):1183-1195).
  14. (2018) **Martin M**, Valeggia C. Timing of pubertal growth and menarche in indigenous Qom girls of Argentina. (*Ann Hum Biol*, 45:4, 321-329)
  15. (2017) Sobolewski M, Weiss B, **Martin M**, Gurven M, Barrett E. Toxicanthropology: Phthalate exposure in relation to market access in a remote forager-horticulturalist population. (*Intl J Hygiene Environ Health*, 220(5): 799-809)
  16. (2017) Sullivan AD, **Martin M**, Hayes, LP, Hayward D, Walker PL, Schoeninger MJ. Exploring patterns & pathways of dietary change: preferred foods, oral health, and stable isotope analysis of hair from the Dani of Mulia, Papua, Indonesia: a biocultural case study in culture contact. (*Curr Anthropol*, 58(1):31-56).
  17. (2016) Han CS\*, **Martin M\***, Hengartner NW, Dichosa A, Fietze S, Gurven M, Alcock J. Salivary microbiomes of indigenous Tsimane mothers and infants are distinct despite frequent pre-mastication (*PeerJ* 4:e2660) **\*contributed equally**
  18. (2016) **Martin M**, Garcia G, Kaplan H, Gurven M. Conflict or congruence? Maternal and infant-centric factors associated with shorter exclusive breastfeeding durations among the Tsimane (*Social Sci & Med* 170: 9-17)
  19. (2015) Blackwell AD, Tamayo M, Beheim B, Trumble BC, Stieglitz J, Hooper PL, **Martin M**, Kaplan H, Gurven M. Helminth infection, fecundity, and age of first pregnancy in human females (*Science*. 350: 970-972)
  20. (2014) Veile A, **Martin M**, McAllister L, Gurven M. Modernization is associated with intensive breastfeeding patterns in the Bolivian Amazon (*Soc Sci & Med* 100:148-158)
  21. (2013) Blackwell A, **Martin M**, Kaplan H, Gurven M. Antagonism between two intestinal parasites in humans: the importance of coinfection risk and recovery dynamics (*Proc R Soc B*: 280 20131671)
  22. (2012) **Martin M**, Lassek WD, Gaulin SJ, Evans RE, Woo JG, Geraghty SR, Davidson BS, Morrow AL, Kaplan HS, Gurven MD. Fatty acid composition in the mature milk of Bolivian forager horticulturalists: controlled comparison with a U.S. sample (*Mat Child Nutr* 8:404-418)

23. (2011) Blackwell A, Gurven M, Sugiyama I, Madimenos F, Liebert M, **Martin M**, Kaplan H, Snodgrass J. Evidence for a peak shift in humoral response to helminths: age profiles of IgE in the Shuar of Ecuador, the Tsimane of Bolivia, and US NHANES ([Plos Neglect Trop Dis 5:e1218](#))

*In progress*

Keith M, **Martin MA**. Racialized/ethnic disparities in pathways linking social determinants of health, markers of allostatic load, and hypertensive disorders of pregnancy among nulliparous US women. (*Revised and resubmitted*).

*Book chapters*

1. (2017) **Martin M**. Mixed-feeding in humans: evolution and current implications. In: [Breastfeeding: New Anthropological Approaches](#). Eds: Palmquist A, Quinn EA, Tomori C. Routledge: Oxford.
2. (2013) **Martin M**, Blackwell A, Kaplan H, Gurven M. Make new friends but keep the old? Parasite coinfection and comorbidity in Homo sapiens. (*Peer-reviewed*) In: [Primates, Pathogens, & Evolution](#). Eds: Brinkworth J & Penchenkina E. Springer Pubs.
3. (2013) **Martin M** and Sela D. Infant gut microbiota: developmental influences and health outcomes. In: [Building Babies: Primate Development in Proximate and Ultimate Perspective](#). Eds: Clancy K, Hinde K, Rutherford J. Springer: New York. (*Peer-reviewed*)

*Book reviews*

- 2017 **Martin M**. Michael L. Power and Jay Schulkin: Milk: The Biology of Lactation. ([Intl J Primatology doi:10.1007/s10764-017-9950-4](#))

*News columns and blog posts*

- 2016 [“An evolutionary anthropology master syllabus”](#) EAS Section News, September  
2016 [“A game-changer in the study of human origins”](#) Anthropology News. 57: 5-6.  
2014 [“Manufactured mommy wars. Le sigh”](#) Mammals Suck...Milk! Guest Blog Post

NCBI bibliography available at:

<https://www.ncbi.nlm.nih.gov/myncbi/melanie.martin.1/bibliography/public/>

## RESEARCH GRANTS & AWARDS

- 2022 UW Population Health Initiative Tier 1 Pilot Research Grant: Sleep Health in People Experiencing Homelessness, Co-I (\$24,969; matching funds from CSDE & Biology)
- 2022-2025 Canadian Institute of Health Research: The Long-Term Effects of War on Biological Aging: The Case of Vietnam, Collaborator (\$136,750 subaward)
- 2022-2026 NIH: Health and Functioning in New Midlife Adults: Understanding Alcohol Misuse and Potential for Preventive Intervention Over the Life Course, Consultant
- 2021 NICHD: [Decoding Maternal Morbidity Data Challenge](#): Structural Equation Model Identifies Causal Pathways Between Social Determinants of Maternal Health, Biomarkers of Allostatic Load, and Hypertensive Disorders of Pregnancy Among U.S. Racial Groups, PI (\$50,000 award for innovation; \$10,000 award for addressing health disparities)

2021 UW Center for Studies in Demography and Ecology (CSDE): Supporting award for NICHD Decoding Maternal Morbidity Challenge submission (\$5000)

2020-2022 NSF RAPID: Collaborative Research: [COVID-19, human milk and infant feeding](#), PI (\$35,563)

2020 UW CSDE Matching Funds for COVID-19 grant submission, PI (\$19,040)

2019 UW CSDE Tier 1 Seed Grant (in-kind services), PI

2016 Wenner-Gren Foundation [Engaged Anthropology Grant](#), PI (\$4,360)

2012-2015 NSF [Doctoral Dissertation Improvement Grant \(DDIG\)](#), Co-PI (\$24,703)

2012-2013 Wenner-Gren Foundation [Dissertation Fieldwork Grant](#), PI (\$16,405)

2009 NSF Research Experience for Graduates Supplemental Grant, Co-PI (\$5,000)

## FELLOWSHIPS, HONORS, & AWARDS

2023 Distinguished Alumni Award, UCSB Department of Anthropology

2023 Michael A. Little Early Career Award, Human Biology Association

2020 UW Technology Teaching Fellows Institute (stipend)

2019 New Investigator Award, Evolutionary Anthropology Society

2019 UW CSDE Summer Grant Writing Program (stipend)

2013-2014 University of California President's Dissertation Year Fellowship

2013 UCSB Graduate Dean's Advancement Fellowship

2012-2013 UCSB Department of Anthropology Spaulding Service Fellowship

2011 UCSB Green Initiative Fund Sustainability Award, 2010

2010-2011 UCSB Central Fellowships Dean's Fellowship

2010 UCSB Hintze Fund for IAS Graduate Student Research Stipend

2010 NSF Graduate Research Fellowship Honorable Mention

2008-2009 UCSB Central Fellowships Dean's Fellowship

## TEACHING

<u>Institution/Department/Years</u>	<u>Courses</u>
UW Anthropology (2018-)	<i>Applied Human Growth &amp; Development</i> (W 2020; designated distance learning course W 2021-22, Sum 2020-22) <i>Biocultural Perspectives of Childcare &amp; Development</i> (designated community-engaged course, W 2023) <i>Evolutionary Biology of Women</i> (W 2019-20, S 2023) <i>Evolutionary Perspectives on Parenting and Childcare</i> (W 2019) <i>Hormones &amp; Behavior/Laboratory Methods in Hormones &amp; Behavior</i> (joint lab & seminar courses, Au 2019-22) <i>The Human Life Cycle</i> (S 2019) <i>Human Reproductive Ecology</i> (Au 2018)
Yale Anthropology (2017)	<i>Ethnopediatrics</i> (S 2017)
UCSB Anthropology	<i>Human Variation</i> (Sum 2011); <i>Evolutionary Medicine</i> (Sum 2014) <i>Statistical Methods in Human Behavior</i> (Sum 2015, Au 2015)

## RESEARCH AFFILIATIONS

- 2019- Co-PI, Biodemography Laboratory, UW (Interim Director Dec 2022 – July 2022)
- 2018- Affiliate Faculty, UW Center for Statistics and the Social Sciences (CSSS)
- 2017- Research Affiliate, UW Center for Studies in Demography and Ecology (CSDE)
- 2016- Co-Director [Chaco Area Reproductive Ecology \(CARE\) Program](#)  
Director: Claudia Vallengia (Yale University). Field data collection; undergraduate and graduate student research advising; statistical and laboratory analysis; database management. Research areas: life history transitions, reproductive ecology, growth and development, maternal and child health, community based participatory research
- 2009- Affiliate [Tsimane Health and Life History Project](#)  
Co-PIs: Michael Gurven (UCSB), Hillard Kaplan (Univ. New Mexico). Field biomarker collection, interviews, behavioral observations; laboratory and data analysis. Dissertation Thesis (2015): [Optimal exclusive breastfeeding duration: evidence of conflict and congruence in Tsimane mother-infant pairs](#)

## INVITED TALKS

- 2021 *Disentangling biobehavioral pathways between birth mode, breastfeeding, and health outcomes.* ASU EvMed CEMinar series, April 22, 2021
- 2019 *Early child growth & feeding in local context.* Washington State University, Anthropology Colloquium, April 25, 2019.
- 2019 *Human infant feeding: evolved strategies, individual optimums, and public health.* UCLA Center for Behavior, Evolution, and Culture Speaker Series. Feb. 11, 2019.
- 2017 *Accelerated pubertal development in Qom girls of Argentina: potential dietary, ethnic, environmental, and life history factors.* Department of Anthropology Seminar Series, University of Massachusetts Amherst. April 3, 2017.
- 2014 *Human microbial development in evolutionary perspective.* Department of Biology, University of New Mexico. Nov. 18, 2014

## 1<sup>ST</sup> AUTHORED CONFERENCE PAPERS & POSTERS

1. *Maternal and infant SARS-CoV-2 antibody responses following maternal COVID-19 infection.* Annual Meeting American Association of Biological Anthropology (AABA), Reno, NV, April 2023 (contributed podium)
2. *Cesarean birth and breastfeeding outcomes in an Indigenous community with high breastfeeding support.* 47<sup>th</sup> Annual Meeting of the Human Biology Association (HBA), Denver, CO, Mar, 2022. *Am J Hum Biol*, 34(S2):37-38 (contributed podium)
3. *Community based participatory research with forager and forager descent communities.* Annual Meeting American Anthropological Association (AAA), Baltimore, MD, 2021 (invited podium)
4. *Cesarean and breastfeeding outcomes in an Indigenous population with high breastfeeding support.* 7<sup>th</sup> Annual Northwest Evolution, Ecology, and Human Behavior Symposium, Virtual, 2021 (contributed flash talk)
5. *Family-focused COVID-19 research: leveraging tools and insights from biocultural anthropology.* 90<sup>th</sup> Annual Meeting American Association of Physical Anthropology (AAPA), Virtual. *Am J Phys Anthropol*, 174(S71):66 (invited podium)

6. *Social and ecological influences on Tsimane infant microbial community assembly*. 89<sup>th</sup> Annual Meeting American Association of Physical Anthropology (AAPA), Los Angeles, CA, 2021. *Am J Phys Anthropol*, 171(S69):175 (accepted abstract, conference cancelled).
7. *Who you calling short? WHO standards vs. local growth references in statistical models: Implications for biological relevance*. 118<sup>th</sup> Annual Meeting AAA, Vancouver, BC, 2019 (contributed)
8. *Assessing local variability in Tsimane growth outcomes derived from international vs. within-population references: considerations for biological relevance*. 44<sup>th</sup> Annual Meeting HBA, Cleveland, OH, 2019. *Am J Hum Biol*, 31(2):33 (contributed poster)
9. *Assessing local variability in standardized growth outcomes derived from international vs. within-population references: considerations for biological relevance*. Society for Applied Anthropology 79<sup>th</sup> Annual Meeting, Portland, OR, 2019 (contributed podium)
10. *Adapting reproducible research to the reality of anthropological field data*. 117<sup>th</sup> Annual Meeting AAA, San Jose, CA, 2018 (invited podium)
11. *Morbidity Profiles Compared in Vaginally and Cesarean Born Indigenous Toba/Qom Children*. 87<sup>th</sup> Annual Meeting AAPA, Austin, TX, 2018. 165(S66):168 (invited podium)
12. *“Skeletal maturation” vs. “critical fat threshold” in relation to pubertal development in Qom girls*. 86<sup>th</sup> Annual Meeting AAPA, New Orleans, LA, 2017. *Am J Phys Anthropol*, 162(S64):277 (contributed poster)
13. *Population estimates of age at menarche and peak height velocity demonstrate accelerated pubertal development in Qom/Toba girls*. 42<sup>nd</sup> Annual Meeting HBA New Orleans, LA, 2017. *Am J Hum Biol*, 29(2): 29 (contributed podium)
14. *A novel application of noninferiority testing to evaluate infant feeding strategies*. 115<sup>th</sup> Annual Meeting AAA, Minneapolis, MN, 2016 (contributed podium)
15. *Substitution or augmentation: is early complementary feeding that does not reduce breastfeeding intensity really “suboptimal”?* 85<sup>th</sup> Annual Meeting AAPA, Atlanta, GA, 2016. *Am J Phys Anthropol*, 159(S62):220 (invited poster)
16. *Mixed evidence of adverse nutritional outcomes associated with early complementary feeding among the Tsimane*. 41<sup>st</sup> Annual Meeting HBA, Atlanta, GA, 2016. *Am J Hum Biol*, 28(2):285 (contributed poster)
17. *Is early complementary feeding a strategy to reduce the metabolic cost of lactation?* 40<sup>th</sup> Annual Meeting HBA, St. Louis, MO, 2015. *Am J Hum Biol*, 27(2):275 (contributed poster)
18. *Many pathways, many outcomes: a global accounting of ‘perceived low milk supply’*. 113<sup>th</sup> Annual Meeting AAA, Washington D.C., 2014 (invited podium)
19. *Association of exclusive breastfeeding duration with infant outcomes in a rural Amerindian population*. 17<sup>th</sup> International Society for Research in Human Milk and Lactation Conference, Kiawah, SC, 2014 (contributed poster)
20. *Optimal for whom? Using evolutionary logic to predict variation in infant feeding practices*. 8<sup>th</sup> Annual California Workshop for Evolutionary Social Science (C-WESS), San Luis Obispo, CA, 2014 (invited podium)
21. *Premastication and transmission of oral microbiota in Tsimane mother-infant dyads*. 39<sup>th</sup> Annual Meeting HBA, Calgary, CAN, 2014. *Am J Hum Biol*, 26(2):272 (contributed podium)
22. *What predicts optimal infant and young child feeding practices in a ‘traditional breastfeeding population’?* 112<sup>th</sup> Annual Meeting AAA, Chicago, IL, 2013 (invited podium)
23. *Variation in complementary feeding among a population of tropical forager-horticulturalists: associated factors and impacts on infant health*. 2<sup>nd</sup> Annual UC Global Health Day, UC Berkeley, 2012 (contributed poster)
24. *Influence of aquatic resources and subsistence strategy on human milk fatty acid composition: a cross-cultural comparison*. 81<sup>st</sup> Annual Meeting AAPA, Portland OR, 2012. *Am J Phys Anthropol*, 147(S54) (contributed poster)

25. *Variation in complementary feeding among a population of tropical forager-horticulturalists: associated factors and impacts on infant health.* 109<sup>th</sup> Annual Meeting AAA, New Orleans, LA, November, 2010 (contributed poster)
26. *Multiple-species parasitic infections in a natural disease ecology: risk factors and health outcomes.* 22<sup>nd</sup> Annual Conference Human Behavior and Evolution Society, Eugene, OR, 2010 (contributed poster)
27. *Indigenous intestinal flora, polyparasitism, and immune responses in the Bolivian lowland tropics.* 79<sup>th</sup> Annual Meeting AAPA, Albuquerque, NM, 2010. *Am J Phys Anthropol*, 141(S50) (invited podium)
28. *Diet, food preferences, and caries rates in the Dani of Papua New Guinea.* 108<sup>th</sup> Annual Meeting AAA, Philadelphia, PA, 2009 (contributed podium)

## ADVISEE CONFERENCE PAPERS & POSTERS

1. Gildee C, Martin M, Tennyson R, Brindle E, Pan T. *Does pre-analytical variation in dried blood spot collection impact C-reactive protein measurement?* Human Biology Association (HBA) Annual Meeting, Reno, NV, 2023. *Am J Hum Biol*, 35 (S1): 14-15 (contributed poster).
2. Glass DJ, Corley MK, Godwin J, Bez E, Brindle E, Valeggia CR, Martin MA. *Stages? don't forget ages: Modeling cortisol-testosterone coupling across early to mid-pubertal ages among Indigenous Qom girls* Accepted abstract, AABA Annual Meeting, Reno, NV, 2023 (contributed podium)
3. Hinton H, Gildee C, Garcia A, Trumble B, Gurven M, Martin M. *Tsimane Fecal Neopterin Levels Decline During Infancy.* Accepted abstract, AABA Committee on Diversity Undergraduate Research Symposium, Annual Meeting, Reno, NV, 2023 (contributed poster)
4. Keith M, Martin M. *Socio-ecology of pregnancy planning among nulliparous US women.* Accepted abstract, HBA Annual Meeting, Reno, NV 2023. *Am J Hum Biol*, 35 (S1): 24 (contributed flash presentation)
5. Rice AD, Sather O, Wright KP, Vetter C, Martin M, de la Iglesia HO. *Sleep In the Time of COVID-19: College Students Internal and Social Times are Better Aligned under Stay-at-Home Mandates.* Accepted abstract, AABA Annual Meeting, Reno, NV, 2023 (contributed poster)
6. Glass D, Geerkens J, Martin M. *Stressed and growing? Simultaneous consideration of psychosocial and energetic factors on pubertal timing may bridge gaps between evolutionary theory and observed biological variation.* AAA Annual Meeting, Seattle, WA, 2022 (contributed podium)
7. Keith M, Corley M, Daniel S, Glass D, Lipton S, Ellison P, Valeggia C, Martin M. *Assessing precision in urinary hormonal sampling design.* HBA Annual Meeting 2022, Denver, CO. *Am J Hum Biol*, 34 (S2):31-32 (contributed poster).
8. Glass D, Geerkens J, Martin M. *Stressed and growing? A systematized review of the relative effects of energetic and psychosocial factors determining human female pubertal timing.* Annual Meeting HBA, Virtual, 2021. *Am J Hum Biol*, 33(S1):17 (contributed poster)
9. Edwards D, Valeggia C, Martin M. *Association between cesarean birth and breastfeeding trajectories in a population with traditionally intensive breastfeeding practices.* AAPA Committee on Diversity Undergraduate Research Symposium, Annual Meeting, Cleveland, OH, 2019 (contributed poster)

## CAMPUS TALKS

- 2021 *Looking beyond the perinatal period to support breastfeeding: lessons from communities with traditional kin and extended postpartum support.* UW Department of Anthropology: Current Topics in Medical Anthropology and Global Health Seminar Series, Dec. 8, 2021

- 2021 *Cesarean birth and infant health and breastfeeding outcomes in a marginalized Indigenous community in Argentina: risk pathways and local context.* UW Center for Studies in Demography and Ecology Seminar Series, January 8, 2021
- 2018 *Within population variability and growth references: considerations for biological relevance.* 2<sup>nd</sup> Annual Harvard-Yale Conference on Human Evolutionary Biology, May 4<sup>th</sup>, 2018
- 2016 *Transparency and reproducibility in the observational sciences: lessons from Anthropology.* Yale Day of Data, Dec. 2, 2016
- 2016 *Maternal-offspring conflict and congruence in shaping Tsimane breastfeeding patterns.* Department of Anthropology, Yale University. Mar. 3, 2016
- 2015 *Optimizing early nutrition through integrated foodways: lessons from the Tsimane.* Symposium on Native Foodways, Environmentalism, and Biocolonialism, UCSB, March 6, 2015
- 2011 *Breast is best, but whose is better? Maternal milk fatty acid composition in U.S. and Amerindian women.* 1<sup>st</sup> Anthropology Graduate Symposium, UCSB, May 21<sup>st</sup> 2011.
- 2011 *Fatty acid composition in the mature milk of Bolivian forager-bioculturalists: Comparison with a U.S. cohort.* 7<sup>th</sup> Annual Ecology, Evolution and Marine Biology Graduate Student Symposium, UCSB, Feb 12<sup>th</sup> 2011.

## ORGANIZED SYMPOSIA & CONFERENCES

- 2022 Chair, Unsettling landscapes of biocultural variation: where methods, mechanisms, and theory collide (PT 1 & PT 2), 2022 AAA Annual Meeting
- 2021 Organizer and Chair, Researcher responsibilities and responses during the COVID-19 pandemic (virtual session), 2021 AAA Annual Meeting
- 2017 Chair, Anthropology matters for professionals! Forging non-academic career pathways at the graduate and undergraduate level, 116<sup>th</sup> Annual Meeting AAA
- 2017 Organizing committee, 3<sup>rd</sup> Annual Northeastern Evolutionary Primatology Meeting, Yale
- 2017 Chair, Human Biology and Genetics IV, Poster Session, 87<sup>h</sup> Annual Meeting AAPA
- 2016 Co-Chair, Biocultural Perspectives of Family Health, Joint AAPA-HBA Symposium. 86<sup>th</sup> Annual Meeting AAPA, 41<sup>st</sup> Annual Meeting HBA
- 2012 Co-Lead Coordinator, 6<sup>th</sup> Annual California Workshop on Evolutionary Social Science (C-WESS)
- 2011 Lead Coordinator, 1<sup>st</sup> Anthropology Graduate Student Symposium, UCSB
- 2010 Organizing committee, 4<sup>th</sup> Annual C-WESS

## PROFESSIONAL SERVICE

### UW departmental and campus service

- 2019-current Executive Committee, Center for Studies in Demography and Ecology (CSDE)
- 2019-current Department of Anthropology Graduation Committee
- 2022-2023 Biological Anthropology Faculty Search Committee
- 2022-2023 CSDE Search Committee: staff position (Laboratory Technician)
- 2021 CSDE Search Committee: Biodemography Director (Research Scientist)
- 2020-2021 Department of Anthropology Diversity Committee
- 2020 CSDE Search Committee: staff position (Budget Analyst Lead)
- 2018-2020 Department of Anthropology Outreach and Development Committee
- 2022-2023; 2018-2020 Coordinator, Biological Anthropology Seminar Series



## Other

2022-2025 Nominations & Elections Committee, HBA (elected position)  
2021 Program Committee, 2022 Annual Meeting American Association of Biological Anthropology (AABA)  
2020- HBA Community-Building and Networking Program (mentor)  
2020 - Consulting Editor, Human Nature  
2020 Conrad M. Arensberg Award Panel, American Anthropological Association  
2019-2021 Publications Committee, HBA (elected position)  
2019- Judge, HBA undergraduate and graduate student awards  
2016-2019 Co-editor, Evolutionary Anthropology Society Section News, *Anthropology News*  
2013-2014 Student Committee, 2014 UC Global Health Day  
2012 Student representative, Faculty Search Committee, IAS, UCSB  
2009-2010 Co-Chair, UCSB Anthropology Graduate Student Association

## Peer Review

*Ad hoc manuscript reviews* (verified reviews @ Web of Science ResearcherID: H-4935-2019): American Anthropologist; American Journal of Human Biology; American Journal of Physical Anthropology; BMC Pediatrics; Clinical Medical Insights: Pediatrics; Evolutionary Anthropology; Evolution and Human Behavior; Evolutionary Medicine and Public Health; Human Nature; INQUIRY; Journal of Adolescent Health; Journal of Biosocial Science; Journal of Developmental Origins of Health and Disease; Journal of Human Lactation; Maternal & Child Health Journal; PLOS One; Revista Panamericana de Salud Publica/Pan American Journal of Public Health; Scientific Reports; Social Science and Medicine.

*Publisher requested book reviews*: Princeton Press

*Grant proposal reviews*: National Science Foundation (Panelist and *ad hoc* reviewer); Leaky Foundation (*ad hoc* reviewer); UW Royalty Research Fund (*ad hoc* reviewer)

*Conference Abstracts*: AAPA/AABA Annual Meeting Program (2018, 2021)

## **MENTORSHIP**

Postdoctoral Monica Keith, PhD, UW Anthropology (Oct 2020-Dec 2022)  
(Assistant Professor, Vanderbilt University, 2023-)

### Graduate

Advisor Yesenia Navarro-Aguirre, UW Anthropology (2022-)  
Delaney Glass, UW Anthropology, PhD candidate (2018-)  
2022-24 CSDE NIH T32 trainee (Faculty Advisor)

Committee member Cristina Gildee (UW Anthropology, 2023-)  
Hannah Zaehring (UW Anthropology, 2023-)  
Larisa Ozeryansky, UW independent, interdisciplinary PhD candidate (Graduate School Representative committee member; 2023-)  
Anwasha Pan, UW Anthropology, PhD candidate (2020-)  
Baishakhi Basu, UW Anthropology, PhD candidate (2019-)  
Carmen Hové, UCSB Anthropology, PhD (External committee member, 2019-2022)

## Undergraduate

Anthropology Honors Program	Sora Oniki (2023-) Khushi Chauhan (2021) Katie Rainsberger (2020-2021; 2021 Best Honors Thesis)
Independent Research	Maia Kent (2022); Alicia Barrientes (2020); Isabelle Shinn (2020), Samira Farah (2020); Deja Edwards (2018-2019)
Undergrad Research Symposium	Hannah Hinton and Izzy Weibe (2023); Maia Kent and Noah ben-Chaem Greco (2022); Eleanna Bez, Meagan Gamblin, Sukhmeen Jandu, Rachel Luna, Katie Rainsberger, Ysabella Rivera, Sam Torres (2021); Samira Farah, Emily Rick, Isabelle Shinn, Sam Torres (2020)
Field & Lab Research Assistants	Noah ben-Chaem Greco & Maia Kent (2022); Joy Gheerkens (2018-2019); Katherine Kuenzle (Yale, 2018); Andrew Kuzemczak (Yale, 2018); Geni Garcia (UCSB, 2012)

## **POPULAR MEDIA**

- 2022 UW News [“Infants less likely to contract COVID-19 than household caregivers”](#)
- 2022 Here We Are with Shane Mauss Podcast [“Child Rearing Across Cultures”](#)
- 2017 Your Last Meal with Rachel Belle Podcast [“Alicia Silverstone, Vegan Cheese”](#)
- 2016 Nature News: [“Mining the secrets of college syllabuses”](#)
- 2016 Undark Magazine: [“The science \(and culture\) of pre-chewing food for children”](#)
- 2015 NPR: [“Can a parasitic worm make it easier \(or harder\) for a woman to conceive?”](#)
- 2014 The Weekly Weinersmith Podcast ([Episode 53: Melanie Martin on breastfeeding](#))
- 2012 BBC Mundo: [“Leche materna de indígenas bolivianos: ¿de mejor calidad?”](#)
- 2012 The New York Times: [“In the Bolivian Amazon, a yardstick for modern health”](#)

## **PROFESSIONAL MEMBERSHIPS**

American Association for the Advancement of Science  
American Anthropological Association  
American Association of Physical Anthropologists  
Human Biology Association  
International Society for Research in Human Milk and Lactation  
International Society for Evolutionary Medicine and Public Health

## **COMMUNITY SERVICE & OUTREACH**

- 2022- Participating Scientist, Skype a Scientist  
Virtual classroom presentation, April 2022 (2<sup>nd</sup> Grade, Libby Center, Spokane, WA)
- 2022- Volunteer, Seattle Public Schools, John Rogers Elementary
- 2022-2023 The Mountaineers Seattle Branch, Youth Leader
- 2020- Volunteer, Open Arms Perinatal Services (Seattle, WA)
- 2016-2017 Judge & mentor, New Haven Science Fair
- 2017 Presenter, Yale Science in the News Public Lecture Series
- 2012 Development and Resource Committee, Santa Barbara Birth Center
- 2011-2012 UCSB Plastics Pollution Coalition
- 2011-2012 Co-Director, “Say No to Styro” UCSB campus sustainability campaign